

# Public Works and Transportation

## MISSION STATEMENT

The mission of the Department of Public Works and Transportation programs supported by the General Fund is to ensure the safe and convenient movement of persons and vehicles on County roads; to plan and coordinate development and construction of transportation facilities; to operate the traffic system and road network in a safe and efficient manner; and to maintain the County's road system, bridges, storm drains, sidewalks, curbs, gutters, alleys, bikeways, streetlights, traffic signals, and other traffic devices. The Department also provides support services to all departments of the County government to construct and preserve the County's capital investment in buildings and equipment.

## BUDGET OVERVIEW

The total recommended FY06 Operating Budget for the Department of Public Works and Transportation is \$63,021,170, an increase of \$2,439,980 or 4.0 percent from the FY05 Approved Budget of \$60,581,190. Personnel Costs comprise 53.9 percent of the budget for 676 full-time positions and 14 part-time positions for 476.3 workyears. Operating Expenses account for the remaining 46.1 percent of the FY06 budget.

Not included in the above recommendation is a total of \$21,870,970 and 223.2 workyears that are charged to: Capital Improvements Program - CIP (\$14,899,680, 151.1 WYs); Cable Television (\$239,620, 0.5 WY); Water Quality Protection Fund (\$199,420, 2.0 WYs); Fleet Management Services, Motor Pool Internal Service Fund (\$380,090, 2.5 WYs); Liquor Control (\$279,090, 0.5 WY); Bethesda Parking District (\$174,740, 1.5 WYs); Montgomery Hills Parking District (\$26,530, 0.2 WY); Silver Spring Parking District (\$257,850, 2.1 WYs); Wheaton Parking District (\$7,210, 0.1 WY); Solid Waste Collection (\$103,510, 1.1 WYs); Solid Waste Disposal (\$574,490, 7.1 WYs); Vacuum Leaf Collection (\$4,199,640, 52.4 WYs); Mass Transit (\$449,100, 2.1 WYs); Bethesda Urban District (\$35,000); Silver Spring Urban District (\$25,000); and Wheaton Urban District (\$20,000). The funding and workyears for these items are included in the receiving departments' budgets.

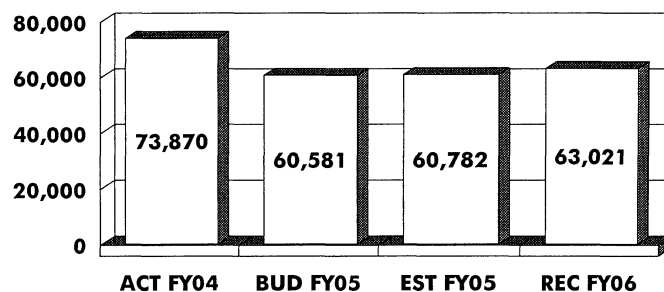
The Debt Service for the Bradley Noise Abatement and Cabin John Noise Abatement funds is appropriated in the Debt Service fund and is, therefore, not displayed in this section. To pay for the Debt Service, a transfer of funds from the Bradley Noise Abatement fund and the Cabin John Noise Abatement fund to the Debt Service Fund of \$32,650 and \$9,690, respectively, is required. For FY06, the County Executive recommends maintaining the current tax rate of \$0.145 per \$100 of assessed value for the Bradley Noise Abatement District and \$0.175 per \$100 of assessed value for the Cabin John Noise Abatement District.

## Program Summary

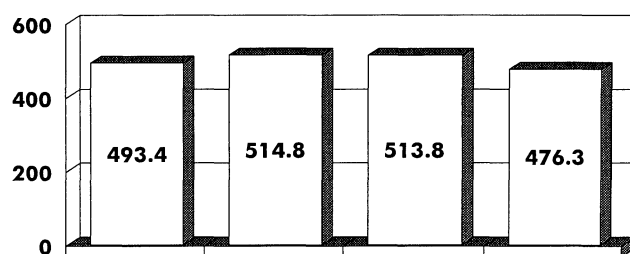
	Expenditures	WYs
Automation	547,020	4.0
Bridge Maintenance	178,660	1.3
Facility Engineering and Management Services	1,024,110	9.9
Facility Maintenance and Operations	18,095,680	111.9
County Security	0	0.0
Noise Abatement Districts	0	0.0
Parking Outside the Parking Districts	685,960	1.1
Central Duplicating, Imaging, Archiving & Mail Svcs.	4,481,340	29.4
Real Estate Office	847,040	7.9
Resurfacing	1,885,270	4.9
Roadway and Related Maintenance	15,987,240	167.7
Snow Removal/Wind/Rain Storms	3,085,160	26.9
Streetlighting	395,510	0.6
Traffic Planning	349,980	4.7
Traffic and Pedestrian Safety	952,980	6.4
Traffic Sign & Marking	1,947,660	16.9
Traffic Signals & Advanced Transportation Mgmt. Syst.	2,182,250	14.6
Trail Maintenance	50,000	0.0
Transportation Community Outreach	197,160	1.0
Transportation and Facility Planning	200,870	1.9
Transportation and Facility Design	505,640	3.2
Transportation and Facility Construction	462,720	3.0
Transportation Management and Operations	1,339,130	4.5
Transportation Policy	473,700	3.5
Tree Maintenance	2,526,790	15.5
Urban Streetscape	0	0.0
Administration	4,619,300	35.5

**Totals** 63,021,170 476.3

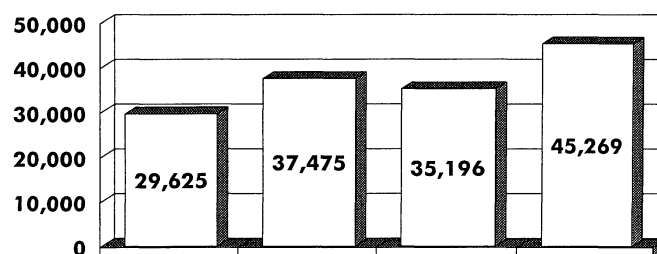
## Trends



EXPENDITURES [\$000s]



WORKYEARS



RELATED REVENUES [\$000s]

## Go Montgomery!

The objective of Go Montgomery is to reduce traffic congestion

through continued investment in ongoing and new initiatives to enhance the County's transportation system, by expanding alternative transportation modes, better use of transportation technology, pursuing major regional and State transportation and mass transit projects, and Capital Improvements Program investments.

**Public Service Program - new and enhanced initiatives recommended for FY06 include:**

- Add 38 lane miles of rural/residential resurfacing per year.
- Add a second Incident Management Team.
- Enhance the Safe Route to School Program.
- Reduce backlog of traffic engineering studies.
- Expand Ride On bus service.
- Annualize Ride On service added in FY05.
- Enhance bus shelter information canisters to keep information up-to-date.
- Increase the Call 'N Ride program to meet demand for reduced taxi fare for low-income elderly and disabled residents.

**Capital Improvements Program (CIP) and Amendments to the FY05-10 CIP**

Planning for new projects for the next biennial CIP is underway as is implementation of the projects approved in the FY05-10 CIP. This is consistent with the objective of the biennial CIP to limit amendments in the off-year and program only projects of critical nature. For FY06, the Approved FY05-10 CIP includes \$254 million in local funds for ongoing projects and two amendments that address pedestrian, bicycle, and traffic safety.

- The new Shady Grove Access Bike Path; and
- Increased expenditures for the Guardrail program.

**HIGHLIGHTS**

- ❖ **Add a second Incident Management Team during a.m. and p.m. rush-hours for prompt removal of disabled vehicles obstructing travel lanes, which result in traffic congestion and increased pollutants.**
- ❖ **Complete approximately 72 studies per year to reduce the backlog of traffic engineering studies to address safety concerns.**
- ❖ **Enhance the Safe Route to School Program - proactively identify, prioritize, and address schools with the most critical safety improvement needs.**
- ❖ **Maintain an additional 39 lane miles of newly accepted subdivision roads.**
- ❖ **Add approximately 38 additional lane miles of rural/residential resurfacing for a total of 235 lane miles.**
- ❖ **Accomplish additional infrastructure maintenance at some of the most deteriorated County facilities to preserve the County's investment and mitigate reactive maintenance, which is more costly and results in higher operating costs and less efficient buildings for customers and employees.**

- ❖ **Enhance grounds maintenance to prevent further damage to landscaping investment and increase mowing frequency by eight additional mowings per year to improve exterior appearance of County facilities.**
- ❖ **Enhance custodial services at 150 County facilities to improve the appearance at heavily used facilities such as libraries and government center facilities and minimize complaints resulting from poor facility upkeep.**
- ❖ **Provide for maintenance of the new Germantown Pool and the Germantown Library, which will open earlier than projected and full-year maintenance costs for the Strathmore Arts Center.**
- ❖ **Double sweeping frequency at County Depots to reduce debris and other water pollutants entering streams.**
- ❖ **Install automatic door openers and ADA compliant hinges on interior glass doors and signage in the County's Judicial Center to enhance ADA accessibility.**

**PROGRAM CONTACTS**

Contact Linda Wise of the Department of Public Works and Transportation at 240.777.7164 or Gladys Balderrama of the Office of Management and Budget at 240.777.2751 for more information regarding this department's operating budget.

**PROGRAM DESCRIPTIONS**

**Automation**

The Automation Program provides staffing, material, and support to develop and maintain information systems in support of the Department's business operations. This includes purchase and maintenance of IT equipment, service and support for major business systems, strategic visioning and analysis for planned IT investments, and day-to-day end use support. In addition, this program provides for coordination with the County Department of Technology Services.

**FY06 Recommended Changes**

	Expenditures	WYs
<b>FY05 Approved</b>	<b>433,250</b>	<b>4.0</b>
<b>FY06 CE Recommended</b>	<b>547,020</b>	<b>4.0</b>

**Bridge Maintenance**

This program provides for the basic maintenance of bridges and box culverts along County-maintained roadways, including removal of debris under and around bridges; wall and abutment repainting; trimming trees and mowing banks around bridge approaches; and guardrail repair. Minor asphalt repairs and resurfacing of bridges and bridge approaches are also included.

**FY06 Recommended Changes**

	Expenditures	WYs
<b>FY05 Approved</b>	<b>167,480</b>	<b>1.3</b>
<b>FY06 CE Recommended</b>	<b>178,660</b>	<b>1.3</b>

## Facility Engineering and Management Services

This program develops and oversees the energy program, facility environmental programs, monitors new and renovated building systems to ensure proper functioning, performs building systems diagnostics to analyze failures and recommend corrective measures, conducts facility assessments of building conditions, evaluates maintenance standards, and investigates indoor air quality complaints. This program also oversees the utilities management function and implements strategies to maximize cost savings from utility deregulation throughout the County. This program is also responsible for the personnel, budget and finance functions of the Division of Operations providing essential services to the Division and serving as point of contact for other departments.

### FY06 Recommended Changes

	Expenditures	WYs
<b>FY05 Approved</b>	<b>752,260</b>	<b>7.8</b>
<b>FY06 CE Recommended</b>	<b>1,024,110</b>	<b>9.9</b>

## Facility Maintenance and Operations

Facilities Maintenance and Operations Section (FMOS) provides for the comprehensive planning and delivery of services involved in the maintenance and oversight of building-related operations, including garages and parking lots within the County's Parking Lot Districts. Components of this program are deferred maintenance, housekeeping, grounds maintenance, recycling, building structure and envelope maintenance, electrical/mechanical systems operations and maintenance, small to mid-sized remodeling projects, and customer service. Energy management technicians monitor and maintain heating and cooling systems to ensure the most efficient use of these services. FMOS manages Planned Lifecycle Asset Replacement (PLAR), maintaining a comprehensive lifecycle replacement program to protect the County's investment in facilities and equipment and to sustain efficient and reliable facility operation. FMOS is also responsible for managing roof replacement at County facilities. In addition, FMOS provides and coordinates the required maintenance of the County's Stormwater Management facilities which include above and below ground structures.

### FY06 Recommended Changes

- ☐ *Increase deferred infrastructure maintenance at some of the most deteriorated County facilities to preserve the County's investment and mitigate reactive maintenance which is more costly and results in higher operating costs and less efficient buildings for customers and employees.*
- ☐ *Enhance custodial services at 150 County facilities and improve the appearance of heavily used facilities to minimize complaints resulting from poor facility upkeep.*
- ☐ *Enhance grounds maintenance to prevent further damage to landscaping investment and increase the mowing frequency by eight times per year.*
- ☐ *Add maintenance costs for the new Germantown Pool*

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*and Germantown Library opening earlier than projected, and provide full-year maintenance costs for the Strathmore Arts Center and other facilities.*

- ☐ *Install automatic door openers and ADA compliant hinges on interior glass doors and improve signage in the County's Judicial Center.*
- ☐ *Add a position to initiate a new Customer Service Call Center.*

	Expenditures	WYs
<b>FY05 Approved</b>	<b>15,512,646</b>	<b>116.6</b>
<b>FY06 CE Recommended</b>	<b>18,095,680</b>	<b>111.9</b>

## County Security

The Security program is responsible for protecting County assets and ensuring a safe environment at all County facilities for the employees and residents who use them through the use of County merit officers, contract security officers and County law enforcement agencies. The program also administers equitable distribution of employee and visitor parking in the Rockville Core.

In FY06, the program reflects the transfer of the Security Section from DPWT to the Department of Homeland Security. The DPWT budget has been reduced by \$3,468,310 for personnel costs including lapse, shift differential, work years, positions, operating expenses, and related capital outlay associated with the Security Section.

### FY06 Recommended Changes

- ☐ *Transfer Security Section from DPWT to the Department of Homeland Security.*

	Expenditures	WYs
<b>FY05 Approved</b>	<b>3,293,504</b>	<b>52.2</b>
<b>FY06 CE Recommended</b>	<b>0</b>	<b>0.0</b>

## Noise Abatement Districts

The Bradley and Cabin John Noise Abatement Special Taxation Districts were created in 1991 to levy a tax to defray certain State-ineligible costs associated with the construction of noise barriers along the Capital Beltway that will benefit the properties in the districts. Proceeds of the tax are used to reimburse the County for debt service related to the general obligation bond proceeds which were initially used to finance the construction. The program also involves evaluation and negotiations with new communities that desire to explore their eligibility for establishment of new Noise Abatement Districts and coordination with the State Highway Administration.

### FY06 Recommended Changes

	Expenditures	WYs
<b>FY05 Approved</b>	<b>0</b>	<b>0.0</b>
<b>FY06 CE Recommended</b>	<b>0</b>	<b>0.0</b>

## Parking Outside the Parking Districts

This program administers, operates, and maintains the parking program outside the Parking Districts. Included in this program are residential permit parking, the Bethesda Library lot, and Wisconsin Avenue peak hour enforcement. The residential

permit parking program is responsible for the issuance of parking permits and parking enforcement in these areas. Participation in the program is requested through a petition of the majority of the citizens who live in that area. The program is designed to mitigate the adverse impact of commuters parking in residential areas. The Bethesda Library lot is provided with meter maintenance, meter collection, and enforcement services. Peak hour enforcement in the Bethesda Central Business District assures the availability of travel lanes during peak traffic periods.

#### **FY06 Recommended Changes**

	<b>Expenditures</b>	<b>WYs</b>
<b>FY05 Approved</b>	<b>493,300</b>	<b>2.6</b>
<b>FY06 CE Recommended</b>	<b>685,960</b>	<b>1.1</b>

### **Central Duplicating, Imaging, Archiving & Mail Svcs.**

This program provides timely and efficient document management through: high-speed photocopying service to all County agencies; desktop and electronic publishing; high-speed color copying; bindery; digital imaging; and electronic and physical archiving of County records. This program also serves as point of contact for County printing material produced and completed by Montgomery County Public Schools (MCPS). A print shop consolidation took effect in FY00 in which all County offset printing is provided by MCPS. This program also provides for the daily receipt, sorting, and distribution of mail deliveries from the U.S. Postal Service and inter-office mail to County agencies.

#### **FY06 Recommended Changes**

- ☐ *Add a Print Shop Foreman to improve productivity.*
- ☐ *Implement Countywide Records Management/Imaging initiative through a per-employee charge to departments.*

	<b>Expenditures</b>	<b>WYs</b>
<b>FY05 Approved</b>	<b>4,209,680</b>	<b>28.0</b>
<b>FY06 CE Recommended</b>	<b>4,481,340</b>	<b>29.4</b>

### **Real Estate Office**

The Real Estate Office provides for leasing and space management, site evaluation, and property acquisition. The leasing function recommends, plans, coordinates, implements, and administers the leasing of County real property for both revenue and expense leases. The Real Estate Office also provides technical support to site evaluation committees for Capital Improvements Program (CIP) projects and handles the reuse of closed school facilities. The space management function provides for the efficient and aesthetic utilization of space in County-owned and leased facilities. The property acquisition function is responsible for acquiring land for transportation capital projects and for other departments, the administration of abandonment of rights-of-way which have been or currently are in public use, and the disposition of surplus public properties to public or quasi public agencies and to members of the public at large.

#### **FY06 Recommended Changes**

	<b>Expenditures</b>	<b>WYs</b>
<b>FY05 Approved</b>	<b>796,622</b>	<b>7.9</b>
<b>FY06 CE Recommended</b>	<b>847,040</b>	<b>7.9</b>

### **Resurfacing**

This program provides for the contracted surface treatment of the County's residential and rural roadway infrastructure.

#### **FY06 Recommended Changes**

- ☐ *Provide for 38 additional lane miles of rural/residential resurfacing to align operating budget spending level with the Capital Improvements Program funded Rural/Residential Resurfacing project.*

	<b>Expenditures</b>	<b>WYs</b>
<b>FY05 Approved</b>	<b>1,449,790</b>	<b>4.9</b>
<b>FY06 CE Recommended</b>	<b>1,885,270</b>	<b>4.9</b>

### **Roadway and Related Maintenance**

Roadway maintenance includes asphalt road patching (temporary and permanent roadway repairs, skin patching, and crack sealing); shoulder maintenance; and storm drain maintenance, including erosion repairs, roadway ditch and channel repairs, cleaning enclosed storm drains, and repair and/or replacement of drainage pipes. Related activities include: mowing; roadside clearing and grubbing; guardrail repair and replacement; street cleaning; regrading and reshaping dirt roads; and temporary maintenance of curbs, gutters, and sidewalks.

#### **FY06 Recommended Changes**

- ☐ *Provide for maintenance of 39 lane miles of newly accepted subdivision roads.*
- ☐ *Add a Construction Field Supervisor position to supervise highway construction inspectors and other support staff to enhance productivity; and additional capital outlay to implement increased workload requirements.*
- ☐ *Double sweeping frequency at County Depots to reduce debris and other water pollutants entering streams to comply with the Maryland National Pollutant Discharge Elimination System (NPDES).*

	<b>Expenditures</b>	<b>WYs</b>
<b>FY05 Approved</b>	<b>15,655,580</b>	<b>165.6</b>
<b>FY06 CE Recommended</b>	<b>15,987,240</b>	<b>167.7</b>

### **Snow Removal/Wind/Rain Storms**

This program includes the removal of storm debris and snow from County roadways. This includes plowing and applying salt and sand; equipment preparation and cleanup from snow storms; and wind and rain storm cleanup. Efforts to improve the County's snow removal operation have included snow summit conferences; equipping other County vehicles with plows, and using a variety of contracts to assist in clearing streets.

#### **FY06 Recommended Changes**

	<b>Expenditures</b>	<b>WYs</b>
<b>FY05 Approved</b>	<b>2,903,960</b>	<b>26.9</b>
<b>FY06 CE Recommended</b>	<b>3,085,160</b>	<b>26.9</b>

## Streetlighting

This program includes investigation of citizen requests for new or upgraded streetlights; design or review of plans for streetlight installations on existing roads, bikeways and pedestrian facilities, and projects that are included in the CIP; coordination and inspection of streetlight installations and maintenance by utility companies; maintenance of all County-owned streetlights by contract; and inspection of contractual maintenance and repair work.

### FY06 Recommended Changes

	Expenditures	WYs
<b>FY05 Approved</b>	<b>335,450</b>	<b>0.6</b>
<b>FY06 CE Recommended</b>	<b>395,510</b>	<b>0.6</b>

## Traffic Planning

This program provides for traffic engineering and safety review of road construction projects in the CIP; review of master plans, preliminary development plans, and road geometric standards from a pedestrian, bicycle, and traffic engineering and safety standpoint. The program also includes studies to identify small scale projects to improve the capacity and safety of intersections at spot locations throughout the County, the design of conceptual plans for such improvements, as well as the review of development plans and coordination of all such reviews within DPWT; review of traffic and pedestrian impact studies for the Local Area Review process; and development, review, approval, and monitoring of development-related transportation mitigation agreements.

### FY06 Recommended Changes

	Expenditures	WYs
<b>FY05 Approved</b>	<b>346,100</b>	<b>3.6</b>
<b>FY06 CE Recommended</b>	<b>349,980</b>	<b>4.7</b>

## Traffic and Pedestrian Safety

This program provides for engineering studies to evaluate and address concerns about pedestrian and traffic safety, and parking issues on neighborhood streets, arterial, and major roadways. Data on speed, vehicular and pedestrian volumes, geometric conditions and collision records are collected and analyzed. Plans are developed to enhance neighborhood and school zone safety, maintain livable residential environments, and provide safe and efficient traffic flow as well as safe pedestrian access on arterial and major roads.

### FY06 Recommended Changes

- ❑ *Complete approximately 72 studies per year to reduce the backlog of contractual traffic engineering studies for bicycle and pedestrian safety, traffic calming devices, intersection traffic controls, etc.*
- ❑ *Enhance the Safe Route to School Program by proactively identifying and prioritizing schools with the most critical safety improvement needs, rather than reactively responding to this need.*

	Expenditures	WYs
<b>FY05 Approved</b>	<b>595,710</b>	<b>5.4</b>
<b>FY06 CE Recommended</b>	<b>952,980</b>	<b>6.4</b>

## Traffic Sign & Marking

This program includes conducting engineering investigations of citizen complaints about traffic signs, street name signs, pavement markings (centerlines, lane lines, edge lines, crosswalks, raised pavement markers, etc.), and inadequate visibility at intersections. It also includes design, review, and field inspection of traffic control plans for CIP road projects and for permit work performed in rights-of-way. The program includes fabrication and/or purchase of signs; installation and maintenance of all traffic and pedestrian signs, and street name signs (including special advance street name signs); repair or replacement of damaged signs; installation and maintenance of all pavement markings; safety-related trimming of roadside foliage; and day-to-day management of the traffic materials and supplies inventory. This program is responsible for the issuance of permits for use of County roads and rights-of-way for special events such as parades, races, and block parties.

### FY06 Recommended Changes

	Expenditures	WYs
<b>FY05 Approved</b>	<b>1,790,780</b>	<b>15.9</b>
<b>FY06 CE Recommended</b>	<b>1,947,660</b>	<b>16.9</b>

## Traffic Signals & Advanced Transportation Mgmt. Syst.

This program provides for the general engineering and maintenance activities associated with the design, construction and maintenance of traffic signals, the Advanced Transportation Management System (ATMS), and the communication infrastructure that supports these programs and the County's fiber optic based network. Included in this program are proactive and reactive maintenance of the field devices and related components such as traffic signals, flashers, traffic surveillance cameras, variable message signs, travelers' advisory radio sites, twisted pair copper interconnect, and fiber optic cable and hub sites; and support of the Traffic Signal, ATMS and FiberNet CIP projects. This program also includes provision of testimony for the County in court cases involving traffic signals.

### FY06 Recommended Changes

	Expenditures	WYs
<b>FY05 Approved</b>	<b>2,615,690</b>	<b>13.6</b>
<b>FY06 CE Recommended</b>	<b>2,182,250</b>	<b>14.6</b>

## Trail Maintenance

This program provides general maintenance activities of trails throughout the County, but is limited to those trails within the inventory of Montgomery County government. Activities include, but are not limited to, resurfacing, mowing, clearing/grubbing, and tree maintenance. Grading for drainage control of the shoulders and the path itself is also included in this program.

### FY06 Recommended Changes

	Expenditures	WYs
<b>FY05 Approved</b>	<b>50,000</b>	<b>0.0</b>
<b>FY06 CE Recommended</b>	<b>50,000</b>	<b>0.0</b>

## Transportation Community Outreach

The Community Outreach program objective is to: inform County residents of DPWT's services, programs, and procedures; enhance their understanding of the department's organization and responsibilities; enhance their ability to contact directly the appropriate DPWT office; and provide feedback so DPWT can improve its services. Staff works with the Public Information Office to respond to media inquiries. Staff refers and follows up on residents' concerns; attends community meetings, and convenes action group meetings at the request of the Regional Services Center directors. Significant components of community outreach are the coordination of Renew Montgomery, a neighborhood revitalization program, and the Keep Montgomery County Beautiful program, which includes the Adopt-A-Road program, a beautification grants program, and annual beautification awards.

### FY06 Recommended Changes

	Expenditures	WYs
<b>FY05 Approved</b>	<b>163,650</b>	<b>1.0</b>
<b>FY06 CE Recommended</b>	<b>197,160</b>	<b>1.0</b>

## Transportation and Facility Planning

The Transportation Facility Planning program reviews proposals for compliance with master plans and the need for the project through travel demand forecasting and traffic analysis. These analyses are performed at a higher level of detail than what can be provided during the master plan process. Field investigations and reconnaissance are conducted and typical sections and preliminary horizontal and vertical alignments are developed. Community, environmental, historical, land use, traffic/transit usage, pedestrian/bicycle, ADA, right-of-way impacts and project costs are identified and evaluated. Community involvement and agency coordination is initiated and continued throughout the study, which culminates in a written project prospectus including study findings and recommendations for advancing to a stand-alone PDF.

The building facility planning program is involved in working with County departments to develop their strategic facility plans and in developing Programs of Requirements with general and specific requirements for new facilities. Alternatives are developed to determine whether to use existing space, lease new space, buy an existing facility, renovate/expand an existing facility, or construct a new facility. The program also provides: technical assistance in site selection, cost estimates, facility feasibility studies, and guidance and direction for private developers interested in developing County facilities.

### FY06 Recommended Changes

	Expenditures	WYs
<b>FY05 Approved</b>	<b>165,530</b>	<b>1.5</b>
<b>FY06 CE Recommended</b>	<b>200,870</b>	<b>1.9</b>

## Transportation and Facility Design

This program provides for the development of environmentally sound and aesthetically pleasing engineering construction plans and specifications that meet applicable local, State and Federal laws and regulations for all transportation related projects in the

County's Capital Improvements Program (CIP). This includes planning, surveying, designing, building, and maintaining roads, bridges, traffic improvements, pedestrian, bicycle and mass transit facilities, and storm drains; as well as the inventory, inspection, renovation, preservation and rehabilitation of existing bridges. This program also provides comprehensive architectural and engineering services from planning through design. Functional elements include programming, contract administration, design management, and project management.

### FY06 Recommended Changes

	Expenditures	WYs
<b>FY05 Approved</b>	<b>506,640</b>	<b>4.1</b>
<b>FY06 CE Recommended</b>	<b>505,640</b>	<b>3.2</b>

## Transportation and Facility Construction

This program provides for the overall construction administration and inspection of the Department's transportation and facility Capital Improvements Program (CIP) projects. This includes preparing and awarding construction contracts, monitoring construction expenditures and schedules, processing contract payments, providing construction inspection, and inspecting and testing materials used in capital projects. This program also includes materials manufacturing plant inspections and testing of materials for work performed by private developers under permit with the County. Facility construction provides construction management of CIP facilities through construction completion. Functional elements include programming, contract administration, construction management and project management.

### FY06 Recommended Changes

	Expenditures	WYs
<b>FY05 Approved</b>	<b>433,860</b>	<b>2.2</b>
<b>FY06 CE Recommended</b>	<b>462,720</b>	<b>3.0</b>

## Transportation Management and Operations

This program provides for the daily operations of the County's transportation management program to include operations of the Transportation Management Center (TMC), the computerized traffic signal system, the aerial surveillance sub-program, and multi-agency incident management response and special event traffic management. This program also provides hardware and software support for the TMC's computer and network infrastructure, and investigation of citizen complaints about traffic signal timing, synchronization and optimization.

### FY06 Recommended Changes

- ☐ *Add a second Incident Management Team during a.m. and p.m. rush-hour for prompt removal of disabled vehicles obstructing travel lanes which result in traffic congestion and increased pollutants.*

	Expenditures	WYs
<b>FY05 Approved</b>	<b>693,430</b>	<b>0.0</b>
<b>FY06 CE Recommended</b>	<b>1,339,130</b>	<b>4.5</b>

## Transportation Policy

This program provides for the integration of all transportation plans, projects, and programs to ensure Department-wide coordination and consistency. The program provides a strategic planning framework for the identification and prioritization of new capital and operating transportation projects and programs for implementation at the County and State levels. The program advocates and explains the County's transportation priorities to the Council and State Delegation. This program also includes a liaison role and active participation with local and regional bodies such as WMATA, M-NCPPC, the Metropolitan Washington Council of Governments (COG), the Transportation Planning Board (TPB), and the Maryland Department of Transportation. This program involves active participation in the master planning process in order to advance transportation priorities and ensure the ability to implement proposed initiatives. The development of transportation policy, legislation, and infrastructure financing proposals are included in this program, including administration of the Impact Tax Program, development and negotiation of participation agreements with private developers, and the Development Approval Payment program.

### FY06 Recommended Changes

	Expenditures	WYs
<b>FY05 Approved</b>	<b>445,760</b>	<b>3.5</b>
<b>FY06 CE Recommended</b>	<b>473,700</b>	<b>3.5</b>

## Tree Maintenance

This program provides for tree services in the public rights-of-way. The program includes priority area-wide emergency tree pruning to maintain healthy trees and to provide adequate road clearance and sign, signal, and streetlight visibility; tree removal as needed; stump removal; and funding of the gypsy moth program.

### FY06 Recommended Changes

	Expenditures	WYs
<b>FY05 Approved</b>	<b>2,445,770</b>	<b>15.5</b>
<b>FY06 CE Recommended</b>	<b>2,526,790</b>	<b>15.5</b>

## Urban Streetscape

This program provides for enhanced street/sidewalk services to sub-regional centers and community activity centers. Examples of types of services include litter and trash collection, mowing, tree trimming, planting, mulching, sweeping, etc. The actual services provided will vary by center based upon requirements and available funding.

### FY06 Recommended Changes

	Expenditures	WYs
<b>FY05 Approved</b>	<b>0</b>	<b>0.0</b>
<b>FY06 CE Recommended</b>	<b>0</b>	<b>0.0</b>

## Administration

This program provides overall direction and leadership for the department and divisions, including: policy and procedural

guidance; strategic planning; response to citizen inquiries; financial and personnel management; preparation and monitoring of operating and capital budgets and contracts; training; and clerical support for all programs. In addition, administration staff coordinates the departmental review of proposed legislation in Annapolis; and provides a liaison between the County and WMATA.

### FY06 Recommended Changes

- ❑ *In FY06, the Go Montgomery! Director position will not be filled. The dollars associated with the position have been reallocated to support other Go Montgomery! initiatives.*

	Expenditures	WYs
<b>FY05 Approved</b>	<b>4,324,748</b>	<b>30.1</b>
<b>FY06 CE Recommended</b>	<b>4,619,300</b>	<b>35.5</b>

## BUDGET SUMMARY

	Actual FY04	Budget FY05	Estimated FY05	Recommended FY06	% Chg Bud/Rec
<b>COUNTY GENERAL FUND</b>					
<b>EXPENDITURES</b>					
Salaries and Wages	24,441,408	23,821,790	24,164,610	22,754,940	-4.5%
Employee Benefits	7,553,200	8,728,920	8,408,110	9,284,360	6.4%
<b>County General Fund Personnel Costs</b>	<b>31,994,608</b>	<b>32,550,710</b>	<b>32,572,720</b>	<b>32,039,300</b>	<b>-1.6%</b>
Operating Expenses	37,690,329	23,820,800	23,887,240	26,500,530	11.2%
Debt Service G.O. Bonds	581	0	0	0	—
Capital Outlay	9,106	0	11,390	0	—
<b>County General Fund Expenditures</b>	<b>69,694,624</b>	<b>56,371,510</b>	<b>56,471,350</b>	<b>58,539,830</b>	<b>3.8%</b>
<b>PERSONNEL</b>					
Full-Time	623	701	701	647	-7.7%
Part-Time	17	14	14	13	-7.1%
Workyears	465.3	486.8	486.8	446.9	-8.2%
<b>REVENUES</b>					
Highway User State Aid	24,704,751	32,050,000	29,835,710	38,566,658	20.3%
Residential Parking Permits	47,498	118,500	118,500	118,500	—
Maintenance of Traffic Signals	630,300	634,700	634,700	634,700	—
Grey Courthouse: Maintenance	496,150	387,000	387,000	387,000	—
Rockville Visitor Parking	47,092	42,000	42,000	42,000	—
<b>County General Fund Revenues</b>	<b>25,925,791</b>	<b>33,232,200</b>	<b>31,017,910</b>	<b>39,748,858</b>	<b>19.6%</b>
<b>BRADLEY NOISE ABATEMENT</b>					
<b>EXPENDITURES</b>					
Salaries and Wages	0	0	0	0	—
Employee Benefits	0	0	0	0	—
<b>Bradley Noise Abatement Personnel Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	—
Operating Expenses	0	0	0	0	—
Capital Outlay	0	0	0	0	—
<b>Bradley Noise Abatement Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	—
<b>PERSONNEL</b>					
Full-Time	0	0	0	0	—
Part-Time	0	0	0	0	—
Workyears	0.0	0.0	0.0	0.0	—
<b>REVENUES</b>					
Property Tax	33,879	38,740	38,480	43,500	12.3%
Investment Income	307	1,080	490	0	—
<b>Bradley Noise Abatement Revenues</b>	<b>34,186</b>	<b>39,820</b>	<b>38,970</b>	<b>43,500</b>	<b>9.2%</b>
<b>CABIN JOHN NOISE ABATEMENT</b>					
<b>EXPENDITURES</b>					
Salaries and Wages	0	0	0	0	—
Employee Benefits	0	0	0	0	—
<b>Cabin John Noise Abatement Personnel Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	—
Operating Expenses	0	0	0	0	—
Capital Outlay	0	0	0	0	—
<b>Cabin John Noise Abatement Expenditures</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	—
<b>PERSONNEL</b>					
Full-Time	0	0	0	0	—
Part-Time	0	0	0	0	—
Workyears	0.0	0.0	0.0	0.0	—
<b>REVENUES</b>					
Property Tax	11,544	11,860	11,700	13,170	11.0%
Investment Income	88	580	170	0	—
<b>Cabin John Noise Abatement Revenues</b>	<b>11,632</b>	<b>12,440</b>	<b>11,870</b>	<b>13,170</b>	<b>5.9%</b>
<b>GRANT FUND MCG</b>					
<b>EXPENDITURES</b>					
Salaries and Wages	0	0	0	0	—
Employee Benefits	0	0	0	0	—
<b>Grant Fund MCG Personnel Costs</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	—
Operating Expenses	116,423	0	0	0	—



	Actual FY04	Budget FY05	Estimated FY05	Recommended FY06	% Chg Bud/Rec
Capital Outlay	0	0	0	0	—
<b>Grant Fund MCG Expenditures</b>	<b>116,423</b>	<b>0</b>	<b>0</b>	<b>0</b>	—
<b>PERSONNEL</b>					
Full-Time	0	0	0	0	—
Part-Time	0	0	0	0	—
Workyears	0.0	0.0	0.0	0.0	—
<b>REVENUES</b>					
Pedestrian Safety Outreach	30,000	0	0	0	—
County & Municipal Agency Domestic Preparedness	86,423	0	0	0	—
<b>Grant Fund MCG Revenues</b>	<b>116,423</b>	<b>0</b>	<b>0</b>	<b>0</b>	—
<b>PRINTING AND MAIL INTERNAL SERVICE FUND</b>					
<b>EXPENDITURES</b>					
Salaries and Wages	1,192,690	1,274,370	1,314,660	1,384,280	8.6%
Employee Benefits	401,209	485,840	444,320	524,990	8.1%
<b>Printing and Mail Internal Service Fund Personnel Costs</b>	<b>1,593,899</b>	<b>1,760,210</b>	<b>1,758,980</b>	<b>1,909,270</b>	<b>8.5%</b>
Operating Expenses	2,227,848	2,401,470	2,401,470	2,572,070	7.1%
Capital Outlay	237,627	48,000	150,000	0	—
<b>Printing and Mail Internal Service Fund Expenditures</b>	<b>4,059,374</b>	<b>4,209,680</b>	<b>4,310,450</b>	<b>4,481,340</b>	<b>6.5%</b>
<b>PERSONNEL</b>					
Full-Time	28	28	28	29	3.6%
Part-Time	1	1	1	1	—
Workyears	28.1	28.0	27.0	29.4	5.0%
<b>REVENUES</b>					
Mail Revenues	1,771,279	2,315,530	2,315,530	2,593,390	12.0%
Print Revenues	1,767,100	1,515,800	1,800,000	2,016,000	33.0%
Imaging/Archiving	0	359,170	12,000	853,760	137.7%
Other	-1,455	0	0	0	—
<b>Printing and Mail Internal Service Fund Revenues</b>	<b>3,536,924</b>	<b>4,190,500</b>	<b>4,127,530</b>	<b>5,463,150</b>	<b>30.4%</b>
<b>DEPARTMENT TOTALS</b>					
<b>Total Expenditures</b>	<b>73,870,421</b>	<b>60,581,190</b>	<b>60,781,800</b>	<b>63,021,170</b>	<b>4.0%</b>
<b>Total Full-Time Positions</b>	<b>651</b>	<b>729</b>	<b>729</b>	<b>676</b>	<b>-7.3%</b>
<b>Total Part-Time Positions</b>	<b>18</b>	<b>15</b>	<b>15</b>	<b>14</b>	<b>-6.7%</b>
<b>Total Workyears</b>	<b>493.4</b>	<b>514.8</b>	<b>513.8</b>	<b>476.3</b>	<b>-7.5%</b>
<b>Total Revenues</b>	<b>29,624,956</b>	<b>37,474,960</b>	<b>35,196,280</b>	<b>45,268,678</b>	<b>20.8%</b>

## FY06 RECOMMENDED CHANGES CROSSWALK

	Expenditures	WYs
<b>COUNTY GENERAL FUND</b>		
<b>FY05 ORIGINAL APPROPRIATION</b>	<b>56,371,510</b>	<b>486.8</b>
<b>Changes (with service impacts)</b>		
Enhance: Deferred maintenance at County facilities [Facility Maintenance and Operations]	445,000	0.0
Enhance: Rural/residential resurfacing program expenditures to align with CIP project expenditures - Go Montgomery! [Resurfacing]	250,000	0.0
Add: Germantown Pool Maintenance [Facility Maintenance and Operations]	194,500	0.0
Enhance: Grounds maintenance at County facilities [Facility Maintenance and Operations]	169,420	0.0
Enhance: Reduce backlog of traffic studies through contractual services - Go Montgomery! [Traffic Planning]	127,200	0.0
Enhance: Custodial services at 150 County facilities [Facility Maintenance and Operations]	105,000	0.0
Enhance: Incident Management Team and provide for a second team of Emergency Response Technicians - Go Montgomery! [Transportation Management and Operations]	100,900	1.6
Enhance: Construction Field Supervisor position to supervise highway construction inspectors (charged to CIP)	76,580	0.8
Add: ADA Improvements at the Judicial Center [Facility Maintenance and Operations]	53,000	0.0
Add: One position and operating expenses to develop a business plan to implement a customer service call center	50,000	0.6
Enhance: Safe Route to School program through engineering devices - Go Montgomery! [Traffic and Pedestrian Safety]	30,000	0.0
Enhance: Double the frequency of depot sweepings to reduce water pollutants [Roadway and Related Maintenance]	15,000	0.0

	Expenditures	WYs
Enhance: MLS III position for Parking to manage revenue collection [Parking Outside the Parking Districts]	10,730	0.1
Enhance: Construction Field Supervisor position to supervise highway construction inspectors (charged to CIP)	-76,580	-0.8
<b>Other Adjustments (with no service impacts)</b>		
Increase Cost: FY06 Compensation	1,118,820	0.0
Increase Cost: Maintenance of newly opened facilities [Facility Maintenance and Operations]	708,000	0.0
Increase Cost: Motor pool charges	672,770	0.0
Increase Cost: FY06 Group Insurance Rate Adjustments	443,310	0.0
Increase Cost: FY06 Retirement Rate Adjustments	332,180	0.0
Decrease Cost: Charges to the CIP to appropriately reflect actual CIP related work (Operations)	215,930	2.5
Increase Cost: Contractual obligations for various contracts [Facility Maintenance and Operations]	189,460	0.0
Increase Cost: Decrease lapsed positions (Operations)	179,720	4.0
Increase Cost: Maintenance of additional accepted subdivision roads	174,000	0.0
Increase Cost: Contract for parking ticket processing and collections [Parking Outside the Parking Districts]	150,000	0.0
Increase Cost: Annualization of FY05 lapsed positions	94,180	10.5
Increase Cost: Streetlight service re-lamping contract [Streetlighting]	81,500	0.0
Increase Cost: Records management	75,700	0.0
Increase Cost: Eliminate charges to Parking Lot District Fund (Management Supervisor) and charge to General Fund [Administration]	74,740	0.6
Increase Cost: Telecommunication charges	62,740	0.0
Increase Cost: Office Services Coordinator position for Design Section (charged to the CIP) [Transportation and Facility Design]	45,190	0.8
Increase Cost: Maintenance increase - security systems for County facilities - Homeland Security (Operations) [County Security]	26,000	0.0
Increase Cost: Vehicles for Construction staff approved in FY05 (operating expenses charged to CIP) [Transportation and Facility Construction]	20,750	0.0
Increase Cost: Purchase and Operating Expenses of pickup trucks for Highway Services inspection staff	19,760	0.0
Increase Cost: Printing and Mail charges	8,580	0.0
Increase Cost: Maintenance of additional traffic signals (Operations) [Traffic Signals & Advanced Transportation Mgmt. Syst.]	8,000	0.0
Increase Cost: Mandated annual training for real estate staff [Real Estate Office]	5,000	0.0
Increase Cost: Maintenance of new or improved roadways [Resurfacing]	4,000	0.0
Increase Cost: Workforce Adjustment (Operations)	0	1.1
Increase Cost: Vehicles for Construction staff approved in FY05 (operating expenses charged to CIP) [Transportation and Facility Construction]	-20,750	0.0
Increase Cost: Office Services Coordinator position for Design Section (charged to the CIP) [Transportation and Facility Design]	-45,190	-0.8
Decrease Cost: Miscellaneous reduction to Operating Expenses base budget [Administration]	-80,000	0.0
Decrease Cost: Annualization of Upgraded Security Phase II lapsed positions and workyear correction (Operations) [County Security]	-88,910	-2.2
Decrease Cost: Elimination of one-time items approved in FY05 (Operations)	-389,600	0.0
Shift: Operating Expenses related to Security from DPWT to Homeland Security [County Security]	-456,500	0.0
Shift: Personnel Costs including lapse, shift differential, workyears, and positions for the Security Section from DPWT to DHS [County Security]	-3,011,810	-58.7
<b>FY06 RECOMMENDATION:</b>	<b>58,539,830</b>	<b>446.9</b>
<b>PRINTING AND MAIL INTERNAL SERVICE FUND</b>		
<b>FY05 ORIGINAL APPROPRIATION</b>	<b>4,209,680</b>	<b>28.0</b>
<b>Changes (with service impacts)</b>		
Enhance: Add Foreman position for print shop	82,530	0.8
<b>Other Adjustments (with no service impacts)</b>		
Increase Cost: Operating Expenses beyond CPI: postage, maintenance contracts, paper and other printing supplies.	171,580	0.0
Increase Cost: Decrease lapse	56,000	1.0
Increase Cost: FY06 compensation	51,550	0.0
Increase Cost: Add Public Service Worker III position for Records Center	30,680	0.6
Increase Cost: FY06 Retirement Rate Adjustments	26,530	0.0
Increase Cost: FY06 Group Insurance Rate Adjustments	7,710	0.0
Increase Cost: Records management	3,020	0.0
Decrease Cost: Motor pool charges	-4,000	0.0
Decrease Cost: Reduce overtime expenses	-15,000	0.0
Decrease Cost: Abolish Printer I positions (3); create Data Entry Operators (2)	-32,750	-1.0
Decrease Cost: Elimination of one-time items approved in FY05	-48,000	0.0
Decrease Cost: Annualization of FY05 Personnel Costs	-58,190	0.0

	Expenditures	WYs
<b>FY06 RECOMMENDATION:</b>	<b>4,481,340</b>	<b>29.4</b>

## FUTURE FISCAL IMPACTS

Title	CE REC. FY06	FY07	FY08	(\$000's) FY09	FY10	FY11
This table is intended to present significant future fiscal impacts of the department's programs.						
<b>COUNTY GENERAL FUND</b>						
<b>Expenditures</b>						
<b>FY06 Recommended</b>	<b>58,540</b>	<b>58,540</b>	<b>58,540</b>	<b>58,540</b>	<b>58,540</b>	<b>58,540</b>
No inflation or compensation change is included in outyear projections.						
<b>Annualization of Positions Recommended in FY06</b>	<b>0</b>	<b>49</b>	<b>49</b>	<b>49</b>	<b>49</b>	<b>49</b>
New positions in the FY06 budget are generally assumed to be filled at least two months after the fiscal year begins. Therefore, the above amounts reflect annualization of these positions in the outyears.						
<b>Elimination of One-Time Items Recommended in FY06</b>	<b>0</b>	<b>-120</b>	<b>-120</b>	<b>-120</b>	<b>-120</b>	<b>-120</b>
Items recommended for one-time funding in FY06, including (Records Management, and other Operating Expenses), will be eliminated from the base in the outyears.						
<b>Labor Contracts</b>	<b>0</b>	<b>1,308</b>	<b>1,505</b>	<b>1,505</b>	<b>1,505</b>	<b>1,505</b>
These figures represent the annualization of FY06 increments, general wage adjustments, and associated benefits. Estimated compensation (e.g., general wage adjustment and service increments) for personnel are included for FY07 and beyond.						
<b>Subtotal Expenditures</b>	<b>58,540</b>	<b>59,777</b>	<b>59,973</b>	<b>59,973</b>	<b>59,973</b>	<b>59,973</b>
<b>PRINTING AND MAIL INTERNAL SERVICE FUND</b>						
<b>Expenditures</b>						
<b>FY06 Recommended</b>	<b>4,481</b>	<b>4,481</b>	<b>4,481</b>	<b>4,481</b>	<b>4,481</b>	<b>4,481</b>
No inflation or compensation change is included in outyear projections.						
<b>Annualization of Positions Recommended in FY06</b>	<b>0</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>	<b>40</b>
New positions in the FY06 budget are generally assumed to be filled at least two months after the fiscal year begins. Therefore, the above amounts reflect annualization of these positions in the outyears.						
<b>Elimination of One-Time Items Recommended in FY06</b>	<b>0</b>	<b>-2</b>	<b>-2</b>	<b>-2</b>	<b>-2</b>	<b>-2</b>
Items recommended for one-time funding in FY06 including (Records management and Operating Expenses for new position), will be eliminated from the base in the outyears.						
<b>Labor Contracts</b>	<b>0</b>	<b>67</b>	<b>79</b>	<b>79</b>	<b>79</b>	<b>79</b>
These figures represent the annualization of FY06 increments, general wage adjustments, and associated benefits. Estimated compensation (e.g., general wage adjustment and service increments) for personnel are included for FY07 and beyond.						
<b>Capital Outlay Replacement per Schedule</b>	<b>0</b>	<b>600</b>	<b>283</b>	<b>422</b>	<b>159</b>	<b>640</b>
<b>Master Lease Payments for Deferred and Scheduled Capital Outlay</b>	<b>0</b>	<b>193</b>	<b>193</b>	<b>193</b>	<b>193</b>	<b>193</b>
Replace deferred and scheduled printing and mail equipment (Master Lease payments)						
<b>Subtotal Expenditures</b>	<b>4,481</b>	<b>5,379</b>	<b>5,074</b>	<b>5,213</b>	<b>4,950</b>	<b>5,431</b>

# PUBLIC WORKS AND TRANSPORTATION

## Capital Development

**PROGRAM:**

Transportation and Facility Planning; Transportation and Facility Design; Transportation and Facility Construction

**PROGRAM ELEMENT:**

Sidewalk Construction

**PROGRAM MISSION:**

To provide a safe, convenient, and efficient pedestrian transportation network

**COMMUNITY OUTCOMES SUPPORTED:**

- Safe, attractive neighborhoods
- Efficient, convenient movement of people and goods
- Enhanced quality of life
- Responsive government

**PROGRAM MEASURES**

	FY02 ACTUAL	FY03 ACTUAL	FY04 ACTUAL	FY05 BUDGET	FY06 CE REC
<b>Outcomes/Results:</b>					
Linear feet of sidewalk completed (000)	54.8	26.5	36.3	35.0	20.0
<b>Service Quality:</b>					
Percentage of citizen requests acknowledged within 30 days	100	100	100	100	100
Percentage of requests for which a decision on whether to proceed was made within 90 days	100	100	<sup>d</sup> 50	100	100
Percentage of sidewalk projects completed on time	100	100	<sup>d</sup> 50	100	100
Percentage of affected citizens satisfied with projects	90	98	95	95	95
<b>Efficiency:</b>					
Implementation rate for sidewalk program (%) <sup>a</sup>	95	86	86	100	100
Cost per linear foot of sidewalk constructed (\$)	35.53	37.40	43.63	45.00	47.50
Backlog of citizen requests at year-end	136	195	200	200	195
<b>Workload/Outputs:</b>					
Number of sidewalk projects requested by citizens <sup>b</sup>	97	50	75	100	100
Number of sidewalk projects started	47	25	35	25	24
Number of sidewalk projects completed	42	25	35	25	24
<b>Inputs:</b>					
Actual expenditures (\$000) <sup>c</sup>	1,768	991	1,281	NA	NA
Budgeted expenditures (\$000) <sup>c</sup>	1,500	1,150	1,493	1,845	850

**Notes:**

<sup>a</sup>The implementation rate is the ratio of actual expenditures to budgeted expenditures in the first year of the CIP, expressed as a percentage.

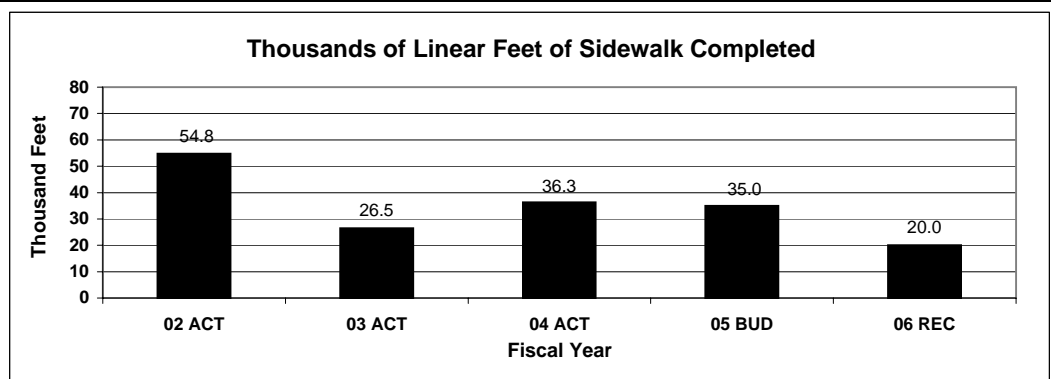
<sup>b</sup>Requests for sidewalk construction come from individual citizens, neighborhood associations, citizen advisory boards, and elected officials.

<sup>c</sup>All expenditures consist of Capital Improvements Plan (CIP) funds.

<sup>d</sup>Beginning in FY04, sidewalk construction has required a public hearing, which has delayed the process

**EXPLANATION:**

Sidewalk construction peaked in FY01 when 71,000 feet of sidewalk were completed. Funding limitations have reduced the level of sidewalk construction in subsequent years, and the FY04 level of 36,300 linear feet constructed is only 51% of the FY01 figure.



**PROGRAM PARTNERS IN SUPPORT OF OUTCOMES:** Procurement Office, County Attorney, Department of Permitting Services, Maryland State Highway Administration, Maryland Department of the Environment, Council of Governments, Maryland-National Capital Park and Planning Commission, citizen advisory boards.

**MAJOR RELATED PLANS AND GUIDELINES:** Capital Improvements Program, County Code, Procurement Regulations.

# PUBLIC WORKS AND TRANSPORTATION

## Operations

**PROGRAM:**  
Resurfacing

**PROGRAM ELEMENT:**

**PROGRAM MISSION:**

To resurface the County's residential roads on a five-year cycle to preserve structural integrity, provide for safe usage, and minimize costly rehabilitation/reconstruction

**COMMUNITY OUTCOMES SUPPORTED:**

- Protect the community's investment in the infrastructure
- Maintain the safe and effective movement of people and goods in residential neighborhoods

### PROGRAM MEASURES

	FY02 ACTUAL	FY03 ACTUAL <sup>d</sup>	FY04 ACTUAL <sup>d</sup>	FY05 BUDGET	FY06 CE REC
<b>Outcomes/Results:</b>					
Percentage of residential roads needing resurfacing that were resurfaced <sup>a</sup>	22.3	13.7	24.4	27.5	31.7
<b>Service Quality:</b>					
Effective resurfacing cycle (years) <sup>b</sup>	19.8	32.2	18.0	16.0	15.8
<b>Efficiency:</b>					
Average cost per lane-mile resurfaced - slurry seal (\$)	5,104	5,118	5,301	5,301	5,426
Average cost per lane-mile resurfaced - micro seal (\$)	7,201	7,247	7,342	7,342	7,533
<b>Workload/Outputs:</b>					
Lane miles resurfaced - slurry seal	115	52	115	170	223
Lane miles resurfaced - micro seal	<u>51</u>	<u>50</u>	<u>67</u>	<u>35</u>	<u>20</u>
Total lane miles resurfaced (slurry and micro seal)	166	102	182	205	243
<b>Inputs:</b>					
Expenditures					
Contractors (\$000)	1,675	656	1,350	<sup>e</sup> 1,125	<sup>e</sup> 1,536
County program staff (\$000)	117	88	148	241	256
Other administrative costs (\$000)	<u>71</u>	<u>13</u>	<u>15</u>	<u>84</u>	<u>94</u>
Total expenditures (\$000)	1,863	757	1,513	1,450	1,886
Workyears - County program staff <sup>c</sup>	5.0	4.9	4.9	4.9	4.9

**Notes:**

<sup>a</sup>This assumes a four-year cycle for slurry seal and a six-year cycle for micro seal.

<sup>b</sup>The number of years that would be needed to resurface all residential streets if resurfacing continued at the same rate.

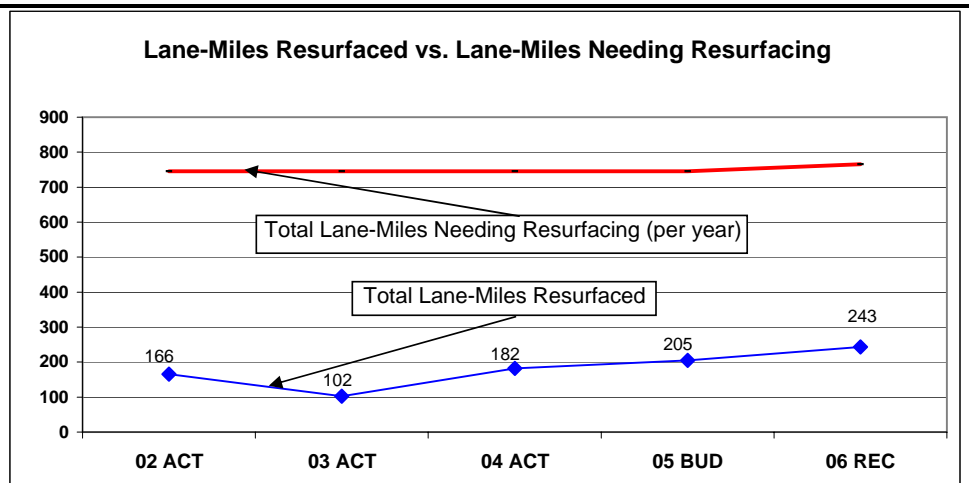
<sup>c</sup>All residential resurfacing is performed by contractors. The workyears include only County staff responsible for administering the program and inspecting the work.

<sup>d</sup>Excessive rainfall delayed completion of the FY03 program. The remainder of the FY03 program was completed in FY04.

<sup>e</sup>Includes \$250,000 in support of the Go Montgomery! initiative.

**EXPLANATION:**

About 3,829 lane-miles of residential roads need periodic resurfacing. Two types of resurfacing treatments, slurry seal and micro seal, are employed. Slurry seal is cheaper than micro seal but does not last as long. Micro seal, which contains larger aggregate than slurry seal, is used for roads with a higher traffic volume. The industry standard of a four-year (slurry seal) and six-year (micro seal) resurfacing cycle implies that the County must resurface about 766 lane-miles of residential streets each year to stay current. (Rehabilitation/reconstruction is at least five times as costly as resurfacing.)



**PROGRAM PARTNERS IN SUPPORT OF OUTCOMES:** Resurfacing contractors.

**MAJOR RELATED PLANS AND GUIDELINES:** International Slurry Seal Association standards.